

**Illinois Department of
Public
Health**

John R. Lumpkin, M.D., M.P.H., Director

525-535 West Jefferson Street • Springfield, Illinois 62761-0001

#901129502

September 11, 1995

Mr. Alan Bradish
Christian Elementary School
2850 Cider Mill Lane
Springfield, IL 62704

Dear Mr. Bradish:

The Illinois Department of Public Health (IDPH) has completed a follow-up evaluation of indoor air quality (IAQ) at the Christian Elementary School, Springfield, Illinois on Friday, September 8, 1995, from 2 to 3 p.m.

Dust sampling was conducted using a Sensidyne Laser Dust Monitor. Twelve samples were taken in different locations of the building. The results of the sampling are shown on Table One. The hallway and classrooms near the new church construction had been identified as areas of possible dust contamination. Our sampling did not find dust at levels that in any way approached the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limit (PEL) of 5 micrograms of dust per cubic meter of air. OSHA PELs are protective of health for adult workers based upon an 8-hour work day over a 40-hour work week. Please keep in mind that this dust sampling is merely a "snapshot" of air conditions that can change from day to day inside a building.

IDPH recommends regular inspection and replacement of the air filters to minimize dust accumulation in the HVAC system. If you have any questions or require additional information, feel free to contact us at (217) 782-5830.

Sincerely,



K. D. Runkle
Toxicology Section

**TABLE ONE -- C.E.S. TOTAL DUST SAMPLING
September 8, 1995**

AREA SAMPLED	TOTAL DUST LEVEL (mg/m3)
Construction Area (South)	0.078
Construction Area (West)	0.087
South End Hallway (1st Floor)	0.057
Storage Room (2nd Floor)	0.053
8th Grade (2nd Floor)	0.072
Music Room (2nd Floor)	0.039
1st Grade (Chambers)	0.003
Main Office	0.001
2nd Grade (Clark)	0.000
Art Room	0.000
6th Grade Science	0.000
Gymnasium	0.000
OSHA PEL	5.000

mg/m3 = milligrams of dust per cubic meter of air.